

COUPLED ALCOHOL ETHOXYLATES FOR IMPROVED THERMAL PROPERTIES

Abstract of the Disclosure

Coupled alcohol ethoxylates made by reacting alcohol ethoxylates with a diisocyanate have been found to improve the thermal properties of toner compositions and powder coatings. The alcohol ethoxylates have saturated linear alcohol portions of from about 20-70 carbon atom chain lengths. The diisocyanates may be aromatic diisocyanates such as toluene diisocyanate (TDI) and/or methylenediphenyl diisocyanate (MDI). Preferably, about one mole of diisocyanate is reacted with about two moles of the alcohol ethoxylates to form the coupled alcohol ethoxylates that are useful compatibilizers to improve the homogeneity of toner compositions and powder coating compositions.